

**Table S1. *Staphylococcus aureus* strains used in this study**

<b>Strain</b>	<b>Description</b>	<b>Source or reference</b>
USA400 MW2	Community-acquired MRSA (CA-MRSA)	Michael Otto (Wang et al., Nat Med
USA300 LAC	CA-MRSA	13:1510–1514, 2007,
LAC $\Delta agr$	<i>S. aureus</i> USA300 LAC defective for Agr	<a href="https://doi.org/10.1038/nm1656">https://doi.org/10.1038/nm1656</a> )
LAC $\Delta spa$	<i>S. aureus</i> USA300 LAC defective for the	Schlatterer et al., mBio 9:e01851-
pTX-SitC-His	protein A and expressing His-tagged SitC	18, 2018, <a href="https://doi.org/10.1128/mBio.01851-18">https://doi.org/10.1128/mBio.01851-18</a>
Newman	Methicillin-sensitive <i>S. aureus</i> (MSSA)	Duthie and Lorenz, J Gen Microbiol
		6: 95–107, 1952
SH1000	NCTC8325 derivative with a functional <i>rsbU</i> gene, $\Delta tcaR$ , cured of $\phi 11$ , $\phi 12$ , and $\phi 13$ ; MSSA	Simon Foster (Horsburgh et al., J Bacteriol 184: 5457–5467, 2002, DOI: 10.1128/jb.184.19.5457-5467.2002)